

ALMANAC

LII

TRANSITS OF SATURN IN CE

The almanac LII contains a list of transits of Saturn from the 1st millennium CE to the 125th millennium CE.

During the period of 250 000 years, the total number of transits of Saturn is 201 transits of Saturn (67 transits of Saturn visible from Uranus, 125 transits of Saturn visible from Neptune, 9 transits of Saturn visible from Pluto).

FROM	MAX-	C	START	MAX	END	SUNRAD	DEPTH	S
TRANSIT								
TIME								
Neptune	88-04-25 23:16 J		1753314.91	1753315.47	1753316.09	0.0089	0.0038	
Neptune	2061-05-29 11:16 G		2473973.50	2473973.97	2473974.55	0.0089	0.0054	
Uranus	2669-04-08 04:04 G		2695989.04	2695989.67	2695990.36	0.0135	0.0028	
Neptune	3459-10-06 12:28 G		2984711.34	2984712.02	2984712.75	0.0088	0.0017	
Neptune	5432-09-15 10:19 G		3705314.35	3705314.93	3705315.62	0.0088	0.0039	

Neptune	16122-04-29 19:40 G	7609618.11	7609618.32	7609618.64	0.0088	0.0081
Uranus	19586-09-08 18:57 G	8874949.79	8874950.29	8874950.88	0.0135	0.0073
Uranus	23489-05-18 22:04 G	10300378.78	10300379.42	10300380.09	0.0144	0.0009
Uranus	23532-11-18 19:40 G	10316267.69	10316268.32	10316268.95	0.0134	0.0004
Neptune	24838-07-22 00:14 G	10793154.99	10793155.51	10793156.07	0.0088	0.0059
Uranus	25211-07-20 06:00 G	10929388.49	10929388.75	10929389.11	0.0134	0.0116
Neptune	26237-08-15 00:14 G	11304152.87	11304153.51	11304154.16	0.0089	0.0018
Neptune	28210-09-12 00:29 G	12024804.08	12024804.52	12024805.10	0.0089	0.0057
Uranus	28749-01-17 08:09 G	12221432.51	12221432.84	12221433.25	0.0136	0.0109
Uranus	29296-02-23 21:21 G	12421258.20	12421258.39	12421258.64	0.0141	0.0133
Uranus	29976-09-17 17:02 G	12669828.76	12669829.21	12669829.74	0.0138	0.0086
Uranus	33514-10-10 18:00 G	13962078.81	13962079.25	13962079.70	0.0134	0.0091
Neptune	33554-06-13 16:05 G	13976569.69	13976570.17	13976570.75	0.0089	0.0058
Uranus	35782-10-09 21:36 G	14790449.10	14790449.40	14790449.82	0.0135	0.0110
Neptune	36102-10-04 19:55 G	14907321.07	14907321.33	14907321.72	0.0088	0.0079
Neptune	38648-06-21 12:43 G	15837123.72	15837124.03	15837124.43	0.0089	0.0075
Pluto	39739-02-09 22:48 G	16235470.95	16235471.45	16235472.09	0.0064	0.0033
Neptune	39796-08-09 05:17 G	16256471.56	16256471.72	16256471.97	0.0089	0.0085
Neptune	41268-01-18 16:19 G	16793904.68	16793905.18	16793905.76	0.0090	0.0049
Neptune	41590-10-29 22:05 G	16911797.01	16911797.42	16911797.98	0.0090	0.0060
Neptune	42486-05-18 05:17 G	17238890.19	17238890.72	17238891.37	0.0088	0.0050
Neptune	42809-03-28 14:10 G	17356812.46	17356813.09	17356813.80	0.0088	0.0026
Neptune	43132-04-09 18:43 G	17474797.68	17474798.28	17474798.97	0.0088	0.0028
Neptune	43454-12-29 10:19 G	17592669.44	17592669.93	17592670.52	0.0089	0.0053
Neptune	44353-03-14 22:05 G	17920732.70	17920733.42	17920734.16	0.0088	0.0007
Uranus	45397-03-23 13:26 G	18302055.48	18302056.06	18302056.67	0.0139	0.0008
Neptune	47796-03-18 15:07 G	19178267.86	19178268.13	19178268.50	0.0088	0.0079
Uranus	50433-11-04 21:36 G	20141642.85	20141643.40	20141644.01	0.0136	0.0030
Neptune	53464-11-27 16:05 G	21248715.61	21248716.17	21248716.84	0.0090	0.0038
Pluto	58034-01-08 19:55 G	22917550.66	22917551.33	22917552.05	0.0066	0.0004

Neptune	60207-11-26 00:58 G	23711542.93	23711543.54	23711544.27	0.0089	0.0031
Neptune	66950-11-29 02:53 G	26174376.95	26174377.62	26174378.33	0.0089	0.0014
Neptune	67525-06-14 13:12 G	26384223.37	26384224.05	26384224.75	0.0088	0.0007
Uranus	71798-07-21 22:48 G	27944942.80	27944943.45	27944944.11	0.0143	0.0006
Neptune	77640-10-24 11:46 G	30078784.68	30078784.99	30078785.47	0.0088	0.0073
Neptune	79613-10-10 00:58 G	30799392.99	30799393.54	30799394.21	0.0088	0.0043
Uranus	80236-08-21 03:22 G	31026889.20	31026889.64	31026890.11	0.0137	0.0094
Neptune	81586-08-22 03:08 G	31519966.92	31519967.63	31519968.34	0.0088	0.0001
Neptune	83559-06-10 03:22 G	32240517.08	32240517.64	32240518.34	0.0088	0.0043
Uranus	84364-05-01 00:00 G	32534497.90	32534498.50	32534499.09	0.0134	0.0024
Uranus	84408-05-08 23:32 G	32550577.27	32550577.48	32550577.79	0.0144	0.0133
Neptune	85532-01-14 20:24 G	32960993.91	32960994.35	32960994.95	0.0088	0.0062
Uranus	85633-07-09 18:44 G	32998060.70	32998061.28	32998061.89	0.0134	0.0012
Neptune	86105-11-25 11:03 G	33170593.37	33170593.96	33170594.58	0.0090	0.0032
Uranus	86223-05-02 17:17 G	33213484.99	33213485.22	33213485.54	0.0134	0.0120
Uranus	87992-02-07 16:48 G	33859514.63	33859515.20	33859515.78	0.0134	0.0030
Neptune	88652-05-05 02:39 G	34100661.97	34100662.61	34100663.36	0.0088	0.0030
Neptune	89227-01-21 17:17 G	34310572.80	34310573.22	34310573.73	0.0090	0.0062
Neptune	89800-01-27 03:22 G	34519861.92	34519862.64	34519863.38	0.0088	0.0005
Uranus	90260-05-28 13:55 G	34687995.68	34687996.08	34687996.54	0.0135	0.0092
Neptune	90375-01-25 18:00 G	34729875.15	34729875.25	34729875.38	0.0090	0.0088
Neptune	91270-07-14 05:31 G	35056937.34	35056937.73	35056938.16	0.0088	0.0071
Neptune	92168-12-15 08:10 G	35385079.15	35385079.84	35385080.54	0.0089	0.0004
Neptune	92491-10-24 23:31 G	35503001.45	35503001.48	35503001.65	0.0089	0.0088
Neptune	93064-04-27 10:05 G	35712104.74	35712104.92	35712105.26	0.0088	0.0082
Neptune	93387-04-17 21:07 G	35830067.82	35830068.38	35830069.03	0.0089	0.0032
Neptune	93710-07-25 22:34 G	35948139.95	35948140.44	35948141.06	0.0089	0.0044
Neptune	96653-01-14 20:52 G	37022857.01	37022857.37	37022857.80	0.0090	0.0071
Uranus	97565-06-09 17:31 G	37356103.89	37356104.23	37356104.66	0.0134	0.0105
Neptune	98050-04-01 12:00 G	37533177.44	37533178.00	37533178.62	0.0088	0.0050

Neptune	99198-04-14 03:21 G	37952488.25	37952488.64	37952489.13	0.0088	0.0068
Neptune	99773-12-19 03:50 G	38162752.09	38162752.66	38162753.33	0.0090	0.0037
Pluto	104017-08-17 08:37 G	39712717.18	39712717.86	39712718.58	0.0065	0.0007
Neptune	107665-01-07 00:42 G	41044899.81	41044900.53	41044901.28	0.0089	0.0002
Neptune	116380-12-10 19:39 G	44228325.84	44228326.32	44228326.95	0.0089	0.0054
Pluto	118672-02-08 13:24 G	45065155.64	45065156.06	45065156.62	0.0078	0.0055
Neptune	118928-06-25 20:51 G	45158796.09	45158796.37	45158796.82	0.0089	0.0076